

App. No. 10/787,339  
DN: GOAC 8768US  
Amendment Dated September 20, 2005  
Reply to Office Action of June 20, 2005

**Amendments to the Drawings**

One replacement sheet containing revised Fig. 2B is submitted to replace the original Fig. 2B.

Attachment: One Replacement Sheet containing Fig 2B.

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**REMARKS**

Claims 1-25 are pending. Claims 16-22 are allowed. Claims 1, 6-8, and 13-15 are rejected. Claim 2-5 and 9-12 are objected to. Claims 1-2, 8-9, and 15 are amended herein. New claims 23-25 have been added herein.

**Objection to the Specification**

The Examiner objected to the specification because of various formalities. Amendments are made herein to paragraphs [0026], [0035], [0036] of the specification and Fig. 2B to correct the informalities as follows:

- a) Paragraph [0026] has been amended herein to read "display 11";
- b) Fig. 2B has been amended to renumber the ball as "38", which was previously number 37;
- c) Paragraph [0035] has been amended herein to read directional "amplifier";  
and
- d) Paragraph [0035] has been amended herein to read "display 111".

Therefore, applicant respectfully requests the Examiner withdraw his objections to the specification.

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**Objection to Claims 10-12**

The Examiner objected to claims 10-12, which depend from independent claim 8, for having no antecedent basis for the term "directional amplifier". Claim 8 is amended herein to include the term "directional amplifier". Therefore, applicant respectfully requests the Examiner withdraw his objections to the specification.

**Rejection of Claims 1, 6-8, and 13-15 Under 35 U.S.C. §103.**

Claims 1, 8, and 15 are rejected under 35 U.S.C. §103 (a) as being unpatentable over U.S. Pat. No. 5,184,083 issued to *Groover* (hereafter referred to as "*Groover*") in view of U.S. Pat. No. 4,950,374 issued to *Darilek* (hereafter referred to as "*Darilek*"), U.S. Pat. No. 2,832,046 issued to *Rezek* (hereafter referred to as "*Rezek*"), and U.S. Pat. No. 5,202,638 issued to *Kolz* (hereafter referred to as "*Kolz*").

As suggested by the Examiner, independent claims 1, 8, and 15 have been amended herein to include a directional amplifier and a torroid. Therefore, applicant believes that the prior art references no longer contain all the claim limitations of claims 1, 8, and 15, as required by the Manual of Patent Examining Procedure ("MPEP") to establish a *prima facie* case of obviousness.

Applicant respectfully submits that claims 1, 8, and 15 as amended herein are patentable over the cited references. Therefore, Applicant requests that Examiner withdraw the rejection of claims 1, 8, and 15 under 35 U.S.C. §103 (a).

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Claims 6, 7, 13, and 14 are rejected under 35 U.S.C. §103 (a) as being unpatentable over *Groover* in view of *Darilek*, *Rezek*, *Kolz*, and U.S. Pat. No. 6,662,632 to *Parker et. al.*.

It is noted that independent claim 1 forms the basis for dependent claims 6 and 7, and independent claim 8 forms the basis for dependent Claims 13 and 14. For the reasons stated above, applicant believes the claims 1 and 8 are nonobvious over the cited references. Because a dependent claim cannot be obvious if the independent claim from which it depends is not obvious, all claims depending from claims 1 and 8 must also be found nonobvious.

Applicant respectfully submits that claims 6, 7, 13, and 14 are patentable over the cited references. Therefore, Applicant requests that Examiner withdraw the rejection of claims 6, 7, 13, and 14 under 35 U.S.C. §103 (a).

**Conclusion.**

Applicant believes the above analysis and the amendments made herein overcome all of the Examiner's objections and all of the Examiner's rejections and that claims 1-25 are in condition for allowance. Therefore, applicant submits that claims 1-25 constitute allowable subject matter and should be favorably considered by the Examiner, and issue a timely Notice of Allowance for those claims.

The Commissioner is hereby authorized to charge any additional fees or credit overpayment under 37 CFR 1.16 and 1.17, which may be required by this paper to Deposit Account 162201.

Respectfully submitted,

Date: September 20, 2005

  
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Scott Anthony Smith, Registration No. 46,067  
POLSTER, LIEDER, WOODRUFF & LUCCHESI, L.C.  
12412 Powerscourt Drive, Suite 200  
St. Louis, MO 63131-3615  
Telephone: (314) 238-2400  
Facsimile: (314) 238-2401